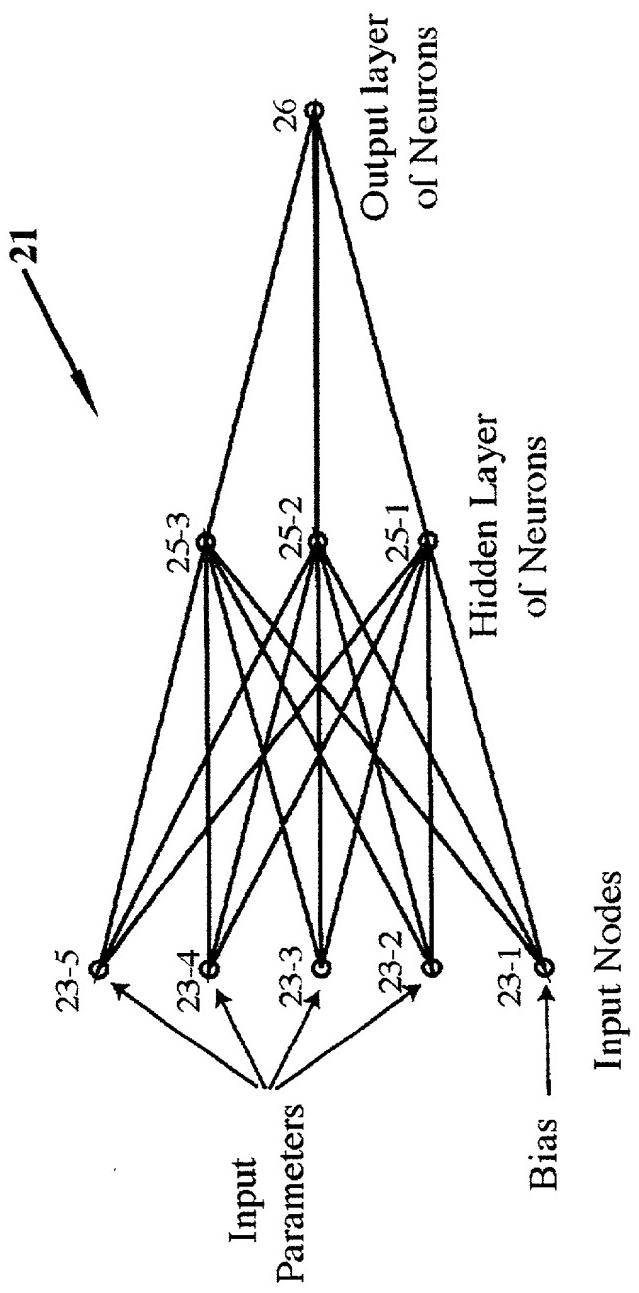


**FIG. 1**



**FIG. 2**

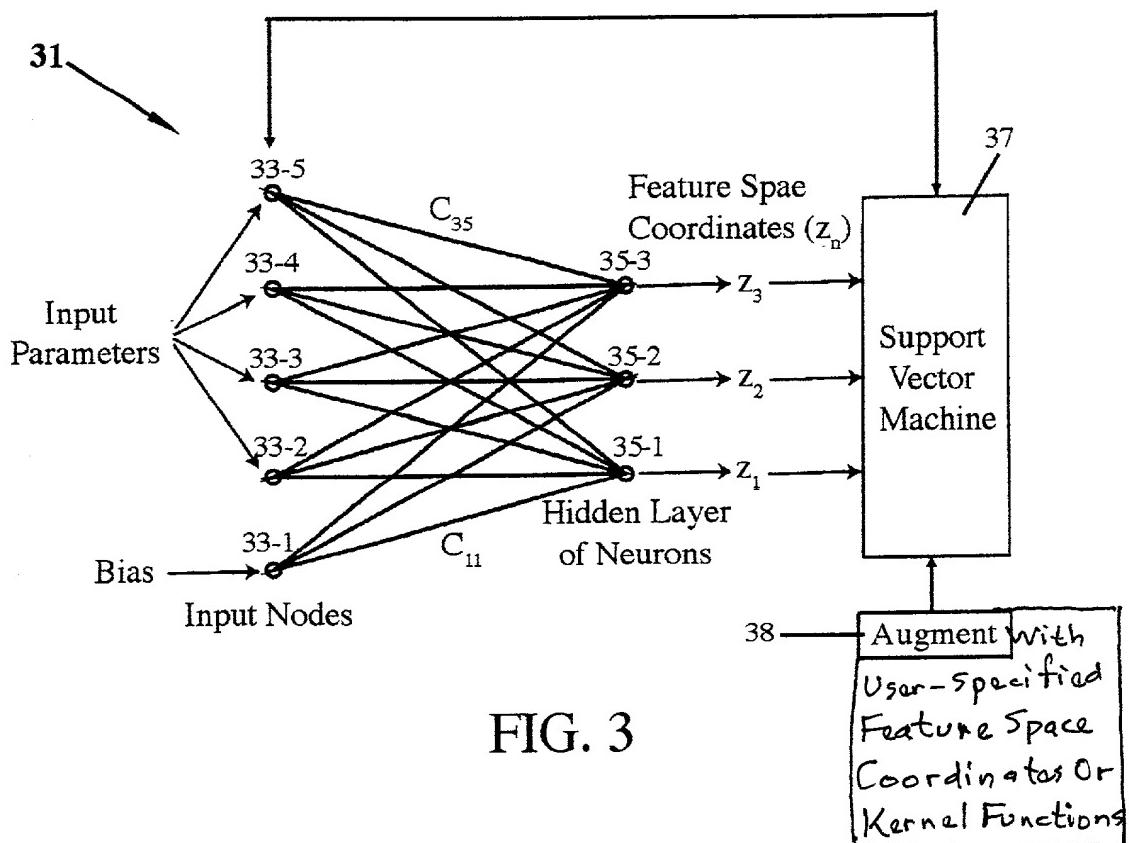


FIG. 3

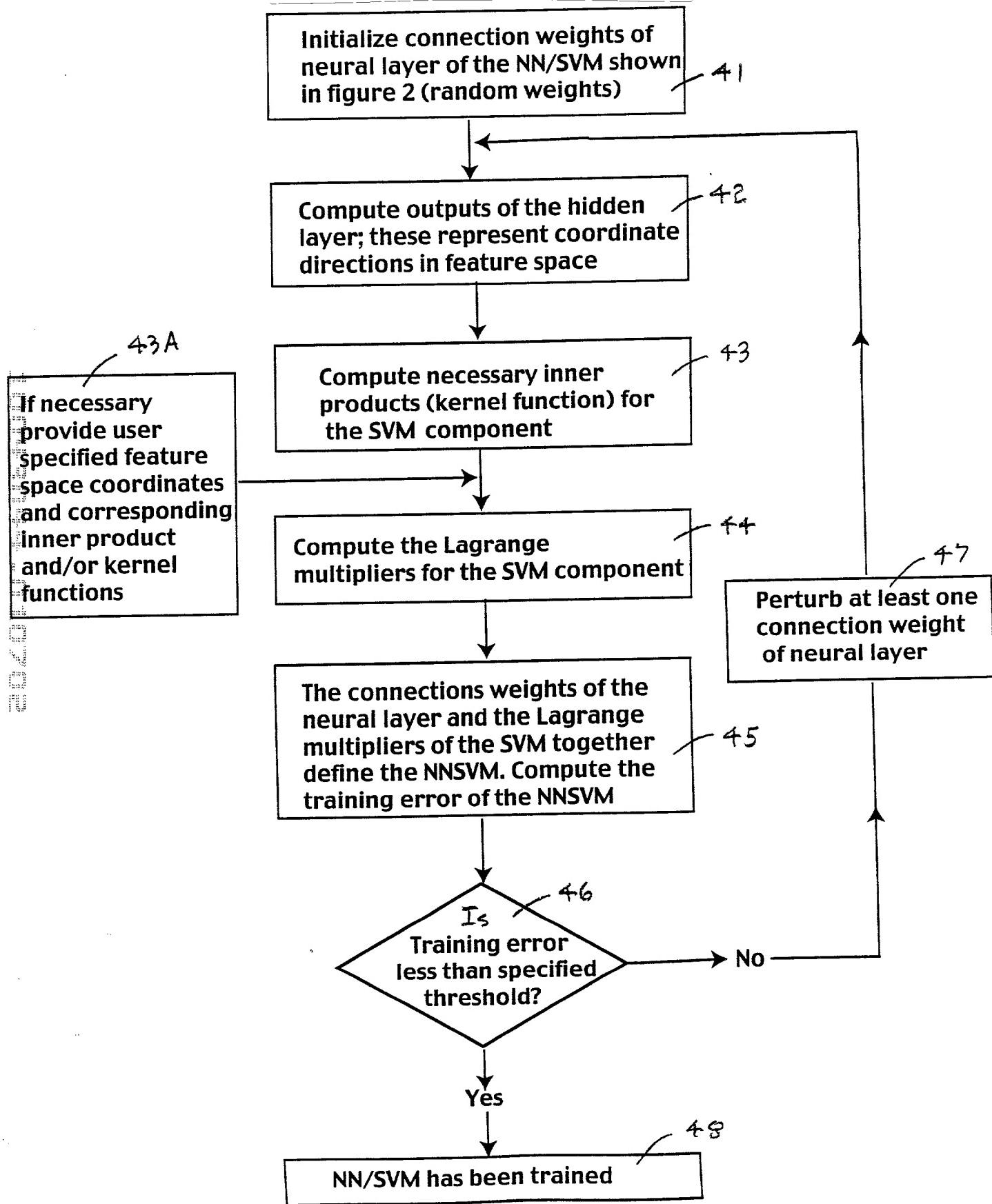


FIG. 4

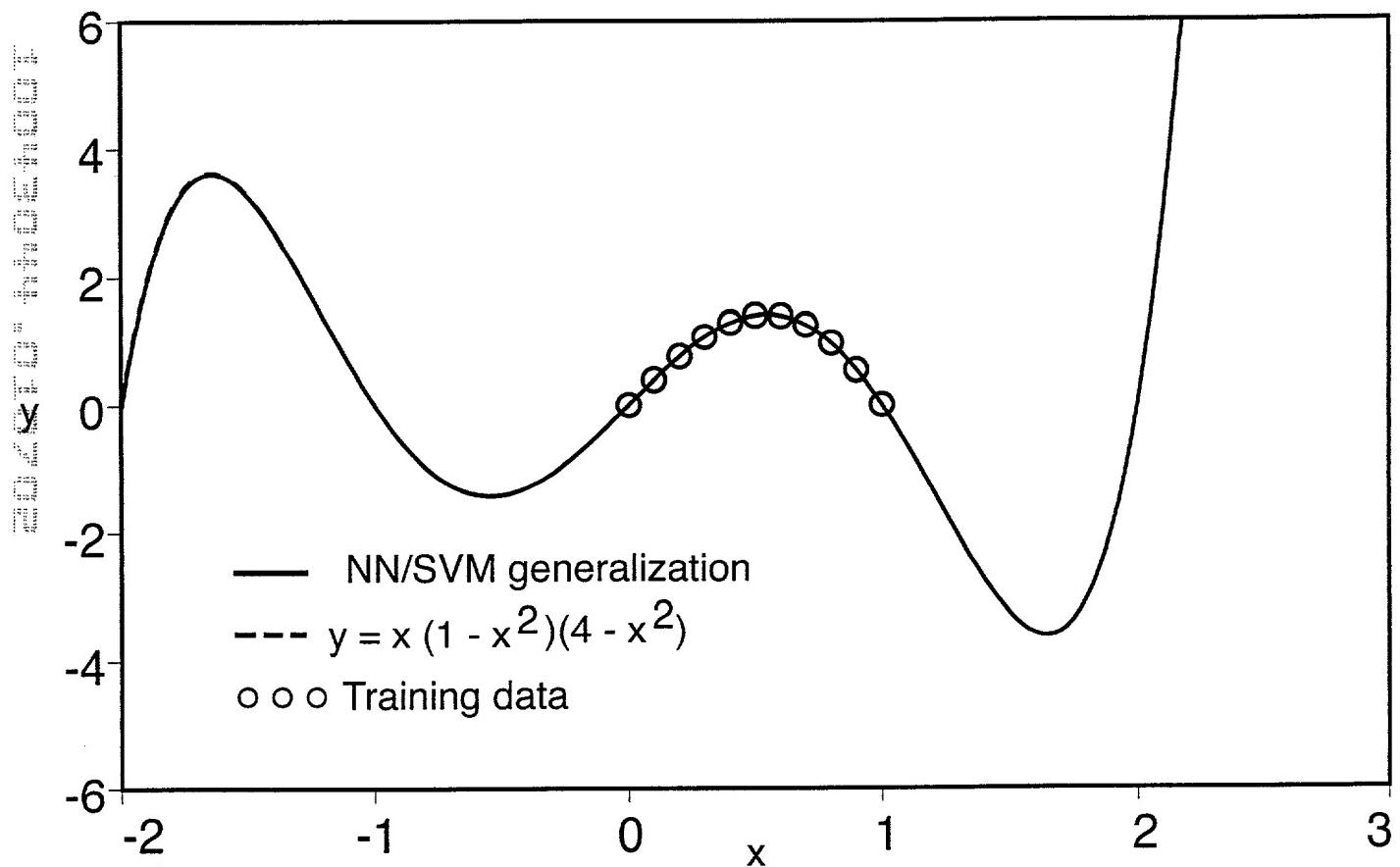


FIG. 5

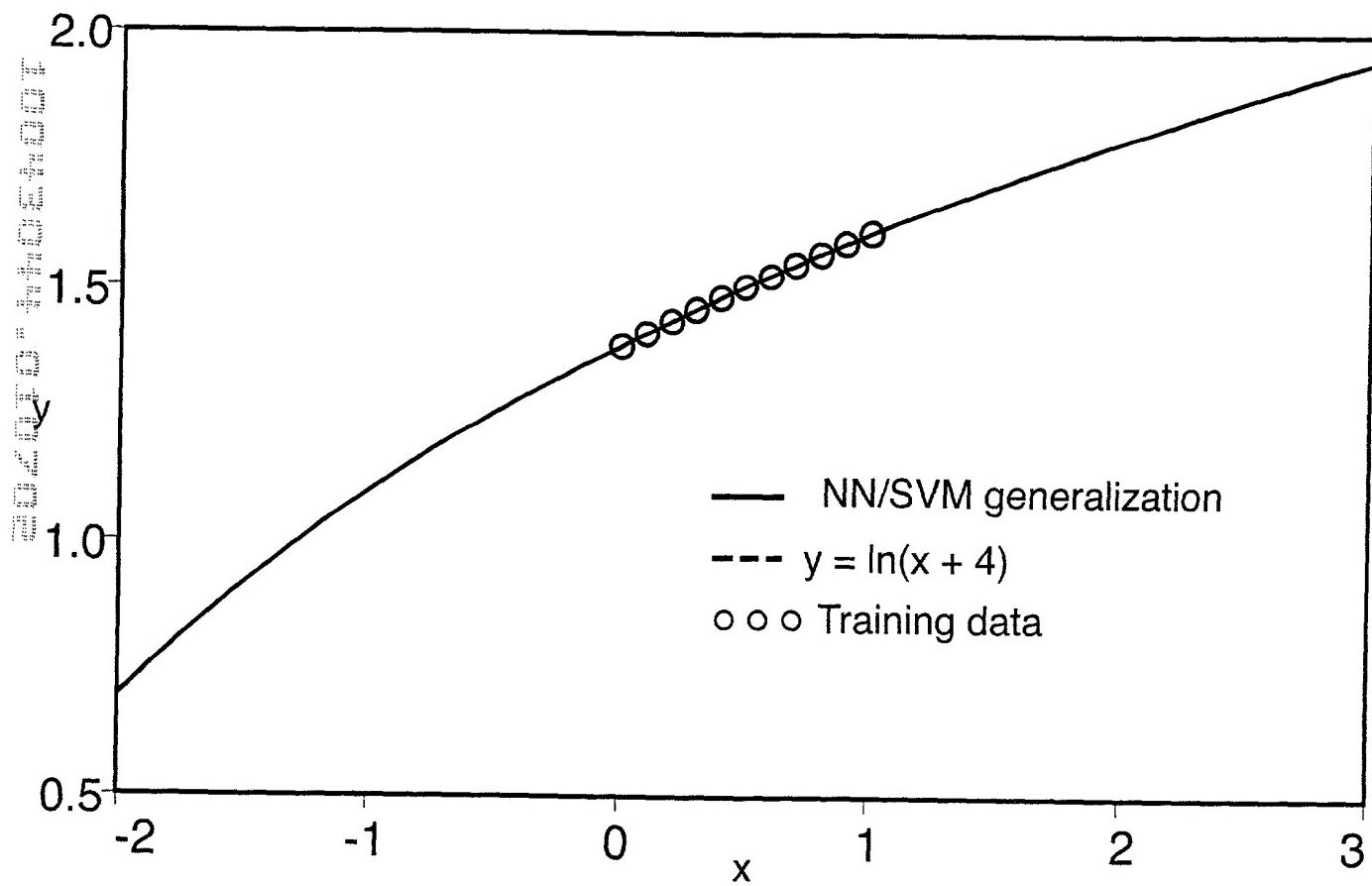


FIG. 6

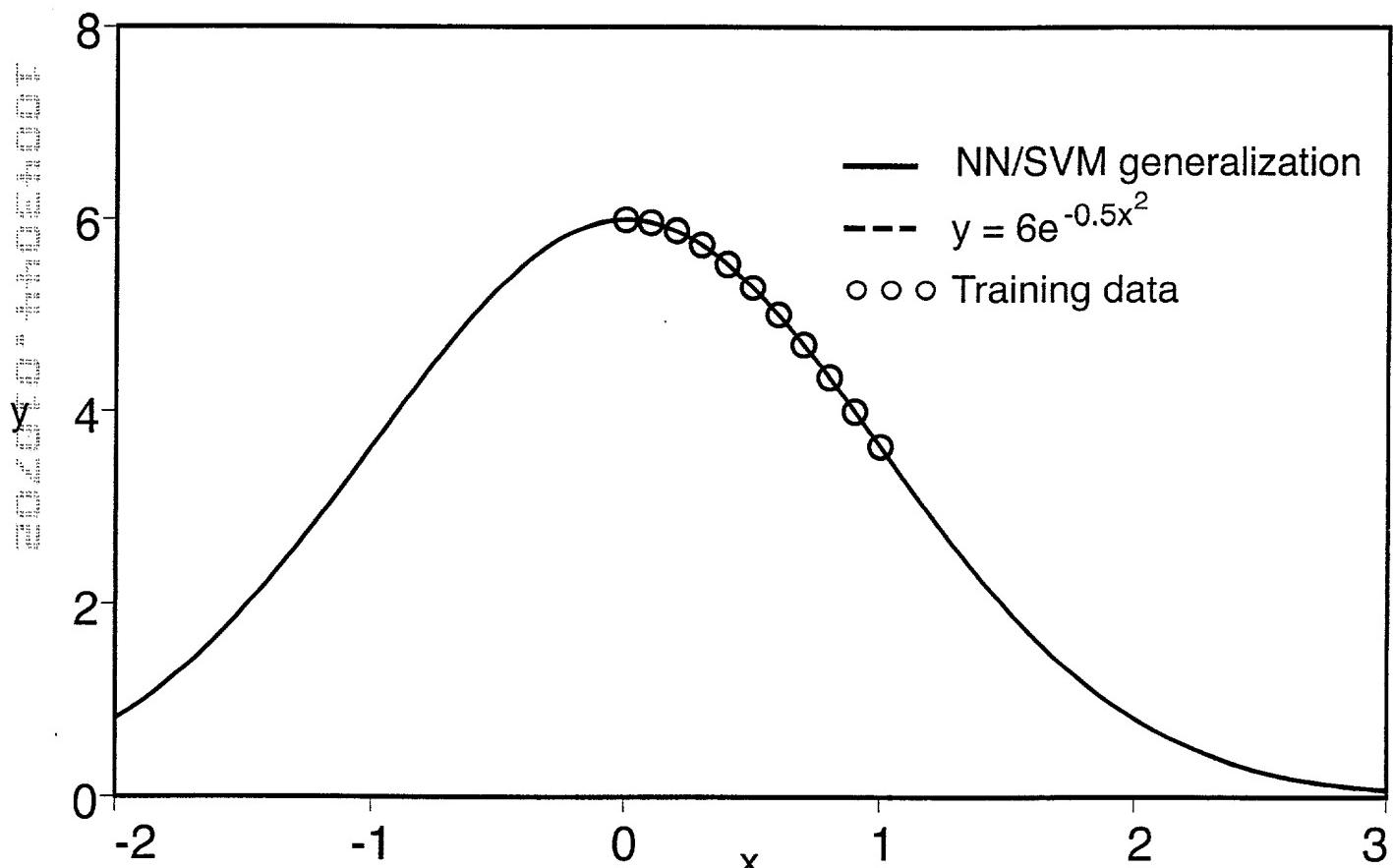


FIG. 7

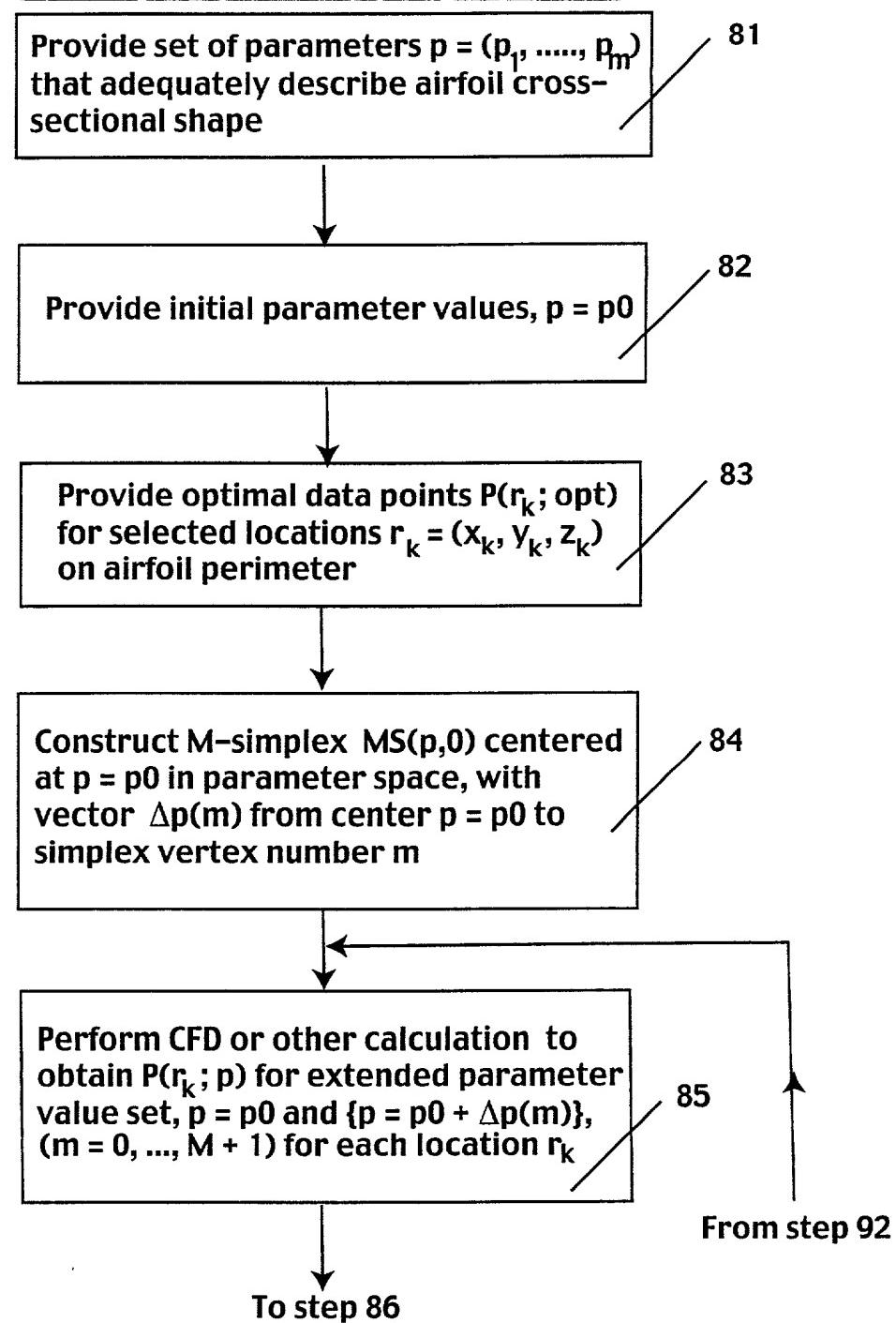


Fig. 8A

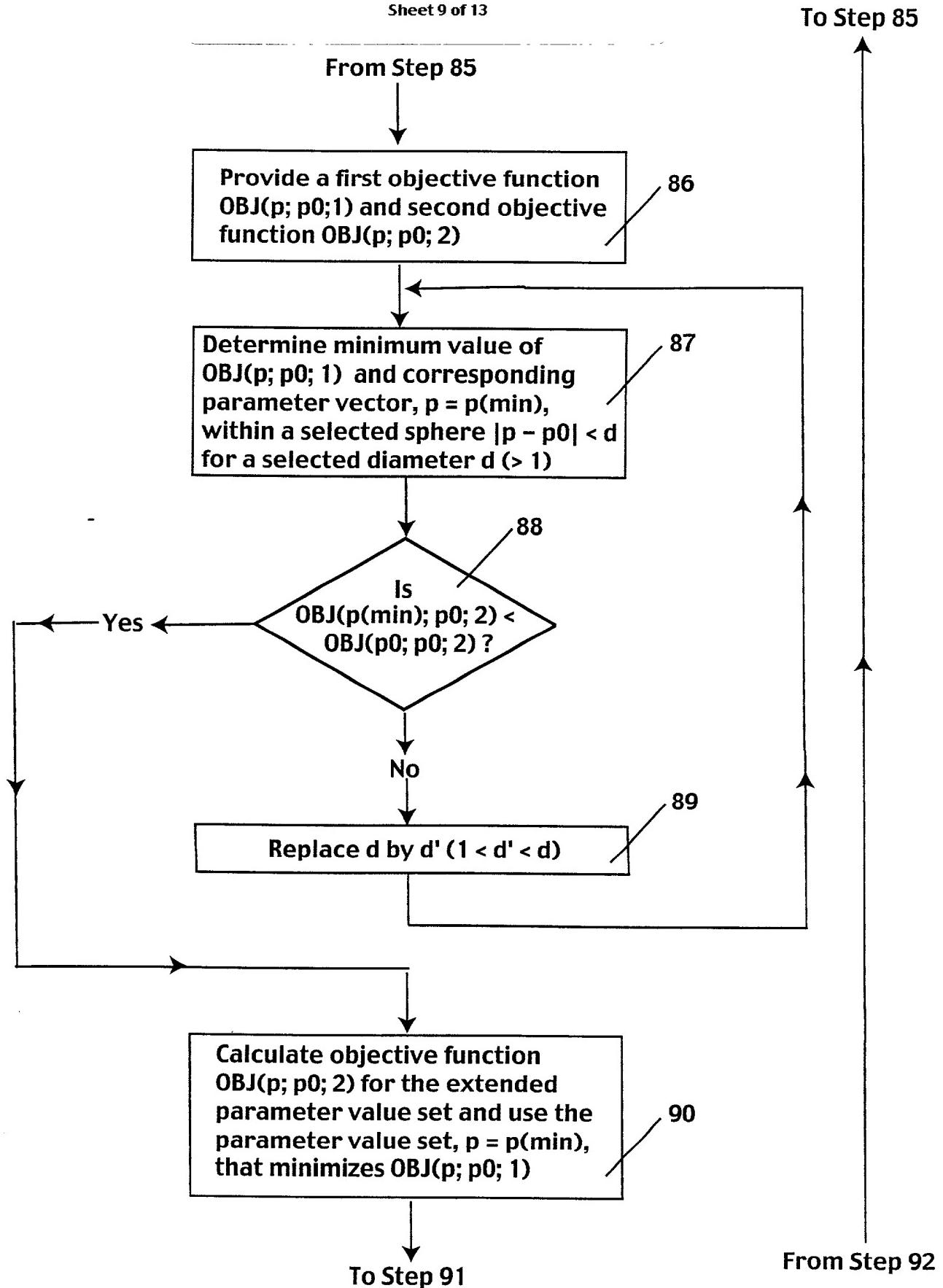


Fig. 8B

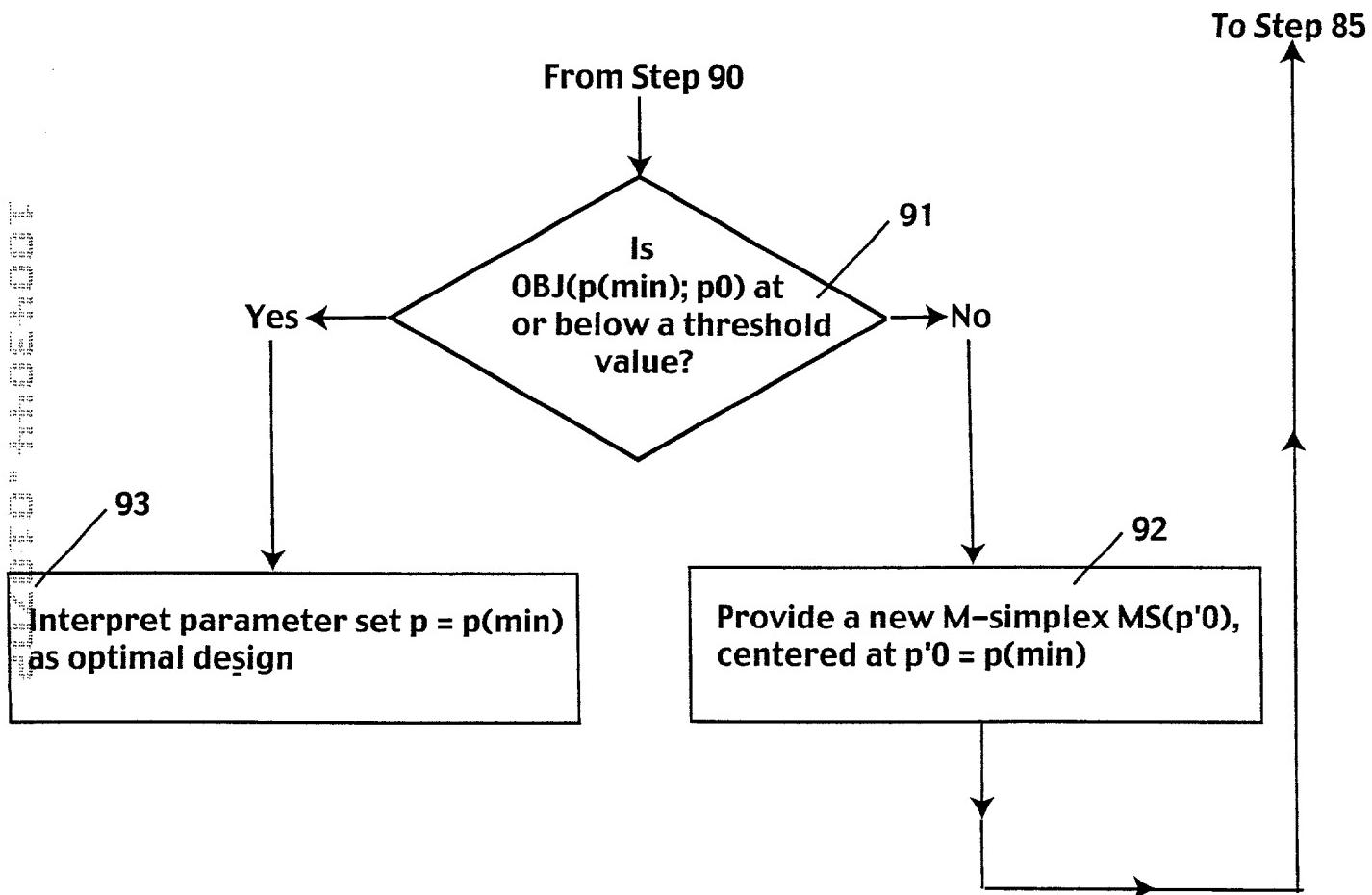


Fig. 8C

## Optimized Airfoil Sections and Pressure Distributions

— - - Target Airfoil Section  
— — Optimal Airfoil Sections

○ ○ ○ Target Pressure Data  
— — Optimal Pressure Distributions

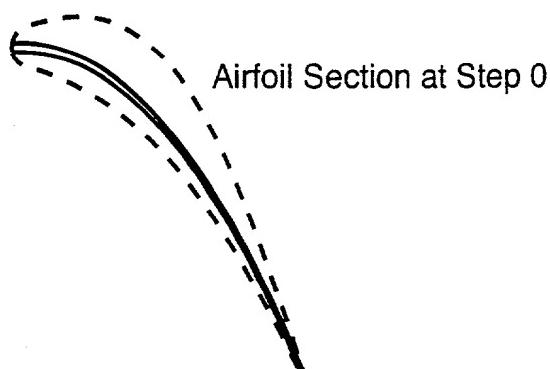


FIG. 9A-1

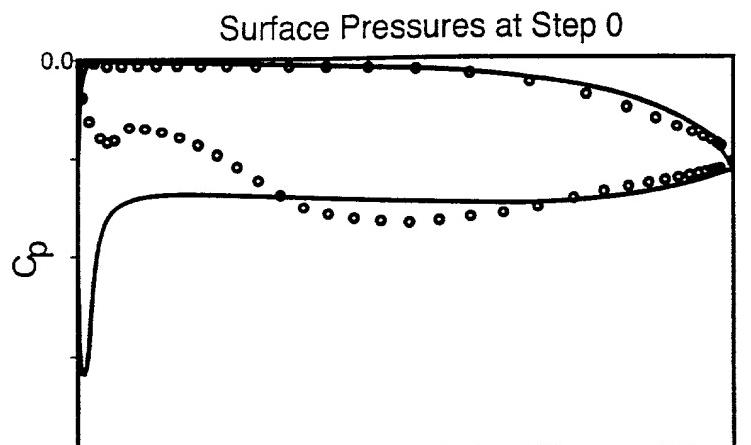


FIG. 9A-2

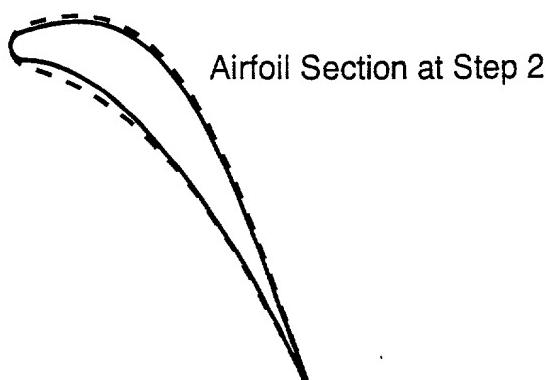


FIG. 9B-1

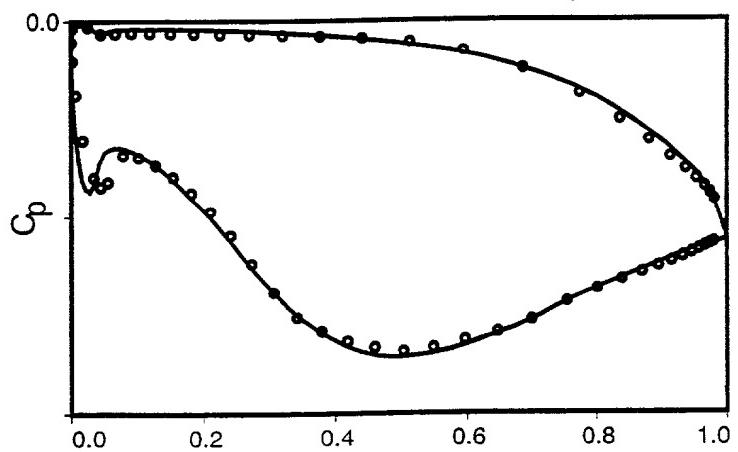


FIG. 9B-2

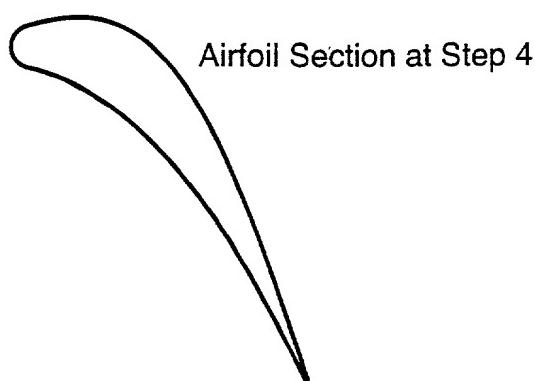


FIG. 9C-1

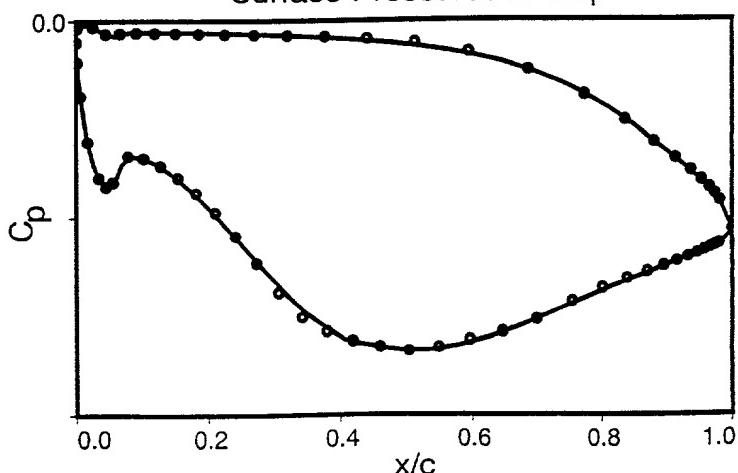


FIG. 9C-2

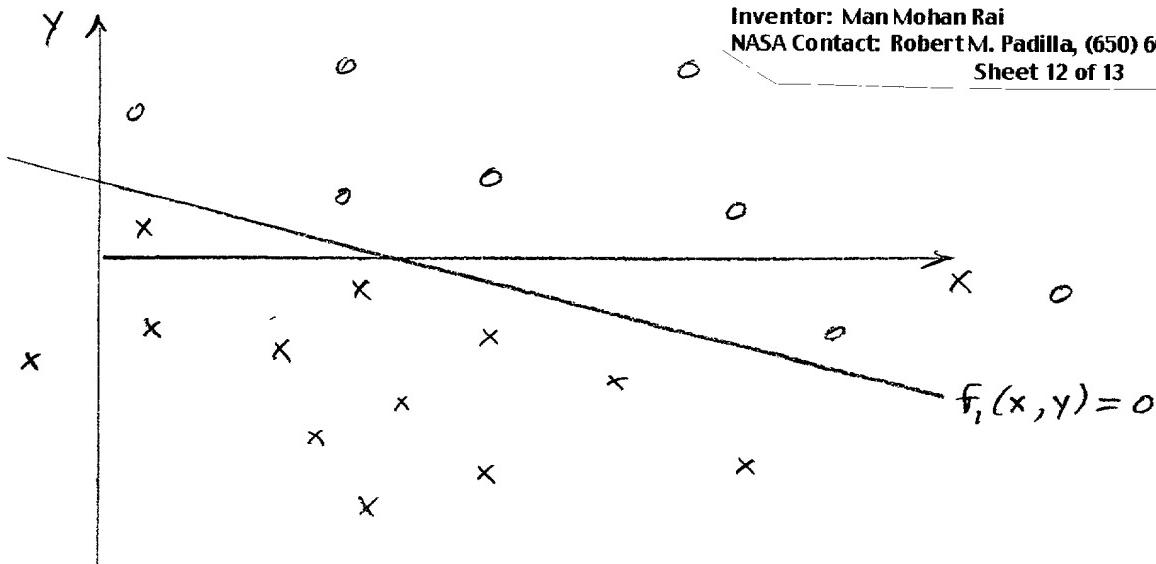


FIG.10

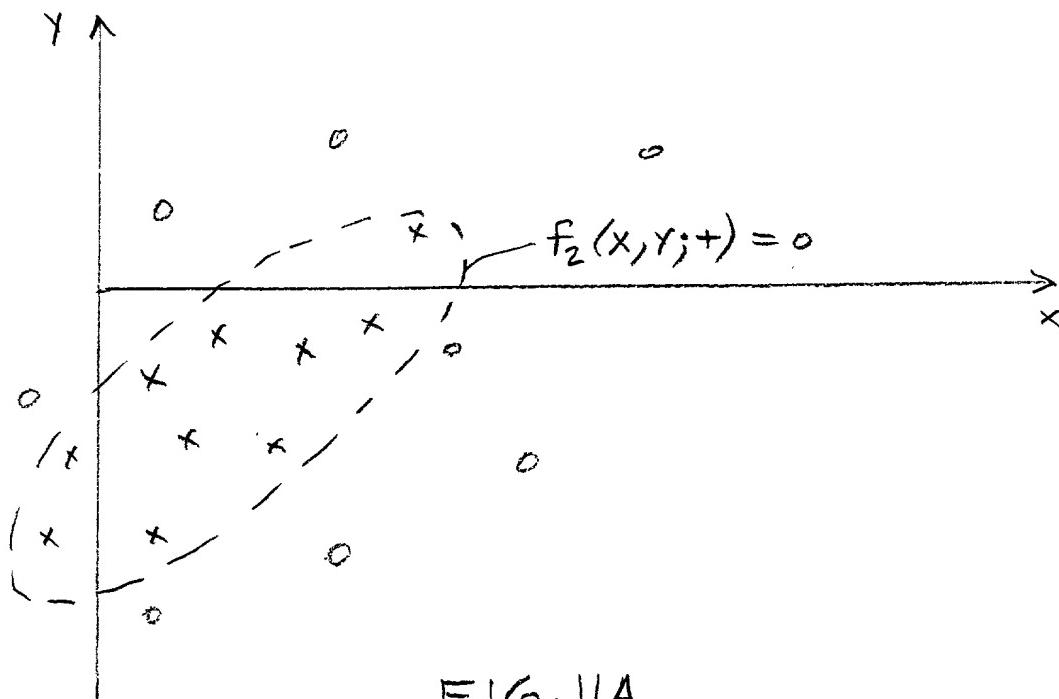


FIG.11A

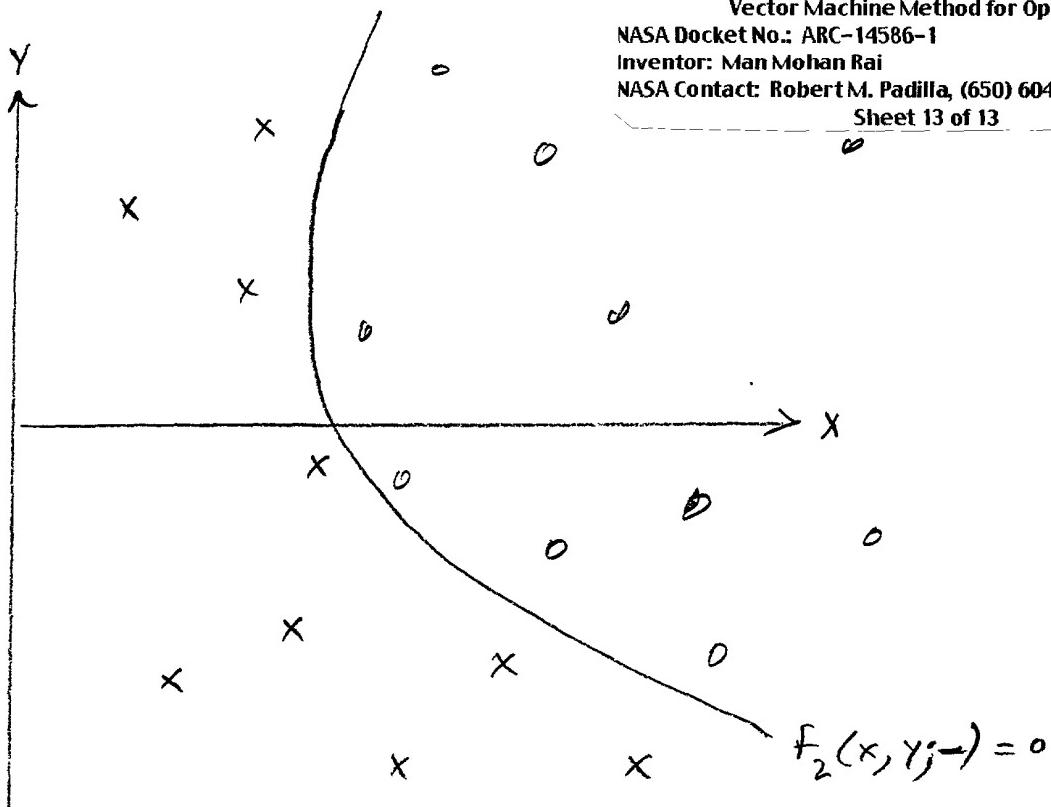


FIG. 11B

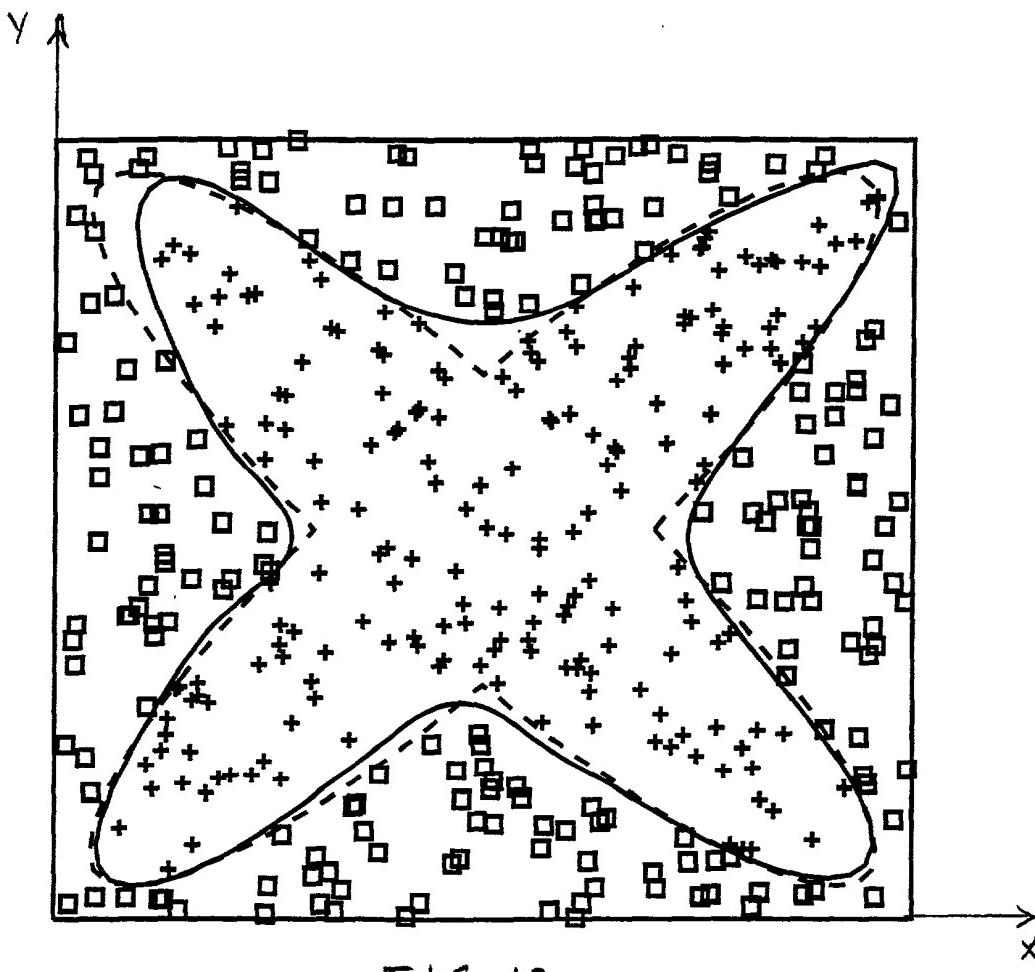


FIG. 12